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DIALOG(R) File 351:Derwent WPI
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007282650

WPI Acc No: 1987-279657/198740

Related WPI Acc No: 1990-107349

XRAM Acc No: C87-118768

**Hair care compsn. - contains rigid silicone polymer in volatile carrier,
to improve style retention without loss of dry hair properties**

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Number of Countries: 014 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 240350	A	19871007	EP 87302879	A	19870402	198740 B
GB 2188655	A	19871007	GB 877804	A	19870401	198740
AU 8771057	A	19871008				198747
JP 63022010	A	19880129	JP 8782792	A	19870403	198810
JP 95029906	B2	19950405	JP 8782792	A	19870403	199518
EP 240350	B1	19950628	EP 87302879	A	19870402	199530
DE 3751369	G	19950803	DE 3751369	A	19870402	199536
			EP 87302879	A	19870402	

Priority Applications (No Type Date): US 86848414 A 19860404; US 8731480 A 19870327

Cited Patents: 2.Jnl.Ref; A3...8822; EP 116207; JP 56022716; JP 57140708;
No-SR.Pub; US 4221688; US 3964500; US 4364837; US 4387090; US 4529586

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 240350 A E 16

Designated States (Regional): AT BE CH DE FR GB GR IT LI LU NL SE

JP 95029906 B2 12 A61K-007/11 Based on patent JP 63022010

EP 240350 B1 E 18 A61K-007/11

Designated States (Regional): DE FR GB IT

DE 3751369 G A61K-007/11 Based on patent EP 240350

Abstract (Basic): EP 240350 A

Hair care compsn. comprises 0.01-10% rigid silicone polymer (I) of complex viscosity at least 0.2 million poise and a volatile carrier. If water is the only carrier used, a surfactant is also present.

(I) is an organic-substd. siloxane gum; a silicone elastomer; a filler-reinforced dimethylsiloxane gum; or resin-reinforced or crosslinked siloxanes, esp. present at 0.05-7%. The carrier is water or a cyclic silicone contg. 3-7 Si atoms.

USE/ADVANTAGE - The compsns. are formulated as shampoos, conditioners, hair tonics, hair sprays or mouse. (I) improves style retention without loss of dry hair properties such as ease of combing.

Title Terms: HAIR; CARE; COMPOSITION; CONTAIN; RIGID; SILICONE; POLYMER;
VOLATILE; CARRY; IMPROVE; STYLE; RETAIN; LOSS; DRY; HAIR; PROPERTIES

Derwent Class: A26; A96; D21

International Patent Class (Main): A61K-007/11

International Patent Class (Additional): A61K-007/06; D06M-015/64

File Segment: CPI